

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030425AL\
 Data File : FC068358.D
 Signal(s) : FID1A.ch
 Acq On : 04 Mar 2025 19:56
 Operator : YP/AJ
 Sample : Q1480-25MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/05/2025
 Supervised By :Ankita Jodhani 03/05/2025

Integration File: autoint1.e
 Quant Time: Mar 05 04:34:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.394	5312647	34.623 ug/ml
Spiked Amount 50.000		Recovery =	69.25%
12) S 1-chlorooctadecane (S...	12.835	3888815	34.575 ug/ml
Spiked Amount 50.000		Recovery =	69.15%
Target Compounds			
1) T n-Nonane (C9)	3.204	3881494	27.592 ug/ml
2) T n-Decane (C10)	4.260	4458618	31.472 ug/mlm
3) T A~Naphthalene (C11.7)	5.825	5290134	34.568 ug/ml
4) T n-Dodecane (C12)	6.267	4839593	34.382 ug/ml
5) T A~2-methylnaphthalene...	6.877	4996453	34.499 ug/ml
6) T n-Tetradecane (C14)	8.056	5274985	38.689 ug/ml
7) T n-Hexadecane (C16)	9.651	5620301	41.034 ug/ml
8) T n-Octadecane (C18)	11.089	5765095	42.155 ug/ml
10) T n-Eicosane (C20)	12.395	5873419	45.081 ug/ml
11) T n-Heneicosane (C21)	13.004	5603063	43.826 ug/ml
13) T n-Docosane (C22)	13.589	5572672	44.218 ug/ml
14) T n-Tetracosane (C24)	14.648	11293903	90.804 ug/mlm
15) T n-Hexacosane (C26)	15.710	5359978	44.081 ug/ml
16) T n-Octacosane (C28)	16.657	5153095	43.388 ug/ml
17) T n-Tricontane (C30)	17.544	5244881	43.574 ug/ml
18) T n-Dotriacontane (C32)	18.373	5219270	44.968 ug/ml
19) T n-Tetratriacontane (C34)	19.155	5098026	47.178 ug/ml
20) T n-Hexatriacontane (C36)	19.894	4826590	50.189 ug/ml
21) T n-Octatriacontane (C38)	20.606	4716653	52.467 ug/ml
22) T n-Tetracontane (C40)	21.457	4637140	53.596 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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